AMENDMENTS TO THE CLAIMS

The listing of claims below replaces all prior versions of claims in the application.

1-41. (Cancelled)

42. (Currently Amended): An actuator comprising:

a conductive polymer; and

electrolyte solution containing operational electrolyte,

wherein said operational electrolyte is anions which include trifluoromethanesulfonate ion and/or plural of fluorine atoms which bond to central atom;

wherein said conductive polymer incorporates the anions which include trifluoromethanesulfonate ion and/or plural of fluorine atoms which bond to central atom; and

wherein said conductive polymer exhibits deformability by electrochemical redox, and electrochemical strain per redox of said conductive polymer is not less than 3%.

43-44. (Cancelled)

45. (Previously Presented): An actuator as set forth in claim 42, wherein said conductive polymer has an electrochemical stress not less than 3.9 MPa.

46. (Previously Presented): An actuator as set forth in claim 42, wherein said actuator comprises an operational part, a counter electrode and electrolyte solution, and

said operational part includes said conductive polymer and the electrolyte solution containing operational electrolyte.

47. (Previously Presented): An actuator as set forth in claim 42, wherein said conductive polymer includes pyrrole and/or pyrrole derivatives in a molecule chain.

48. (Previously Presented): An actuator as set forth in claim 42, wherein electrochemical strain of the actuator per redox cycle of 20 seconds is not less than 3% in the length direction.